

RESOLUTION NO. _____

A RESOLUTION AUTHORIZING THE DEPARTMENT OF PUBLIC WORKS TO ENTER INTO A JOINT FUNDING AGREEMENT (JFA) BETWEEN THE U.S. GEOLOGICAL SURVEY (USGS) AND THE CITY OF CHATTANOOGA TO OPERATE THREE (3) CONTINUOUS, REAL-TIME, STREAM GAUGES LOCATED ON NORTH CHICKAMAUGA CREEK, SOUTH CHICKAMAUGA CREEK, AND CHATTANOOGA CREEK, FOR THE PERIOD BEGINNING APRIL 1, 2016 THROUGH MARCH 31, 2017, WITH A CONTRIBUTION OF TEN THOUSAND EIGHT HUNDRED SEVENTY-FIVE DOLLARS (\$10,875.00) FROM THE USGS AND THIRTY-TWO THOUSAND SIX HUNDRED TWENTY-FIVE DOLLARS (\$32,625.00) FROM THE CITY OF CHATTANOOGA, FOR A TOTAL COST OF FORTY-THREE THOUSAND FIVE HUNDRED DOLLARS (\$43,500.00).

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, it is hereby authorizing the Department of Public Works to enter into a Joint Funding Agreement (JFA) between the U.S. Geological Survey (USGS) and the City of Chattanooga to operate three (3) continuous, real-time, stream gauges located on North Chickamauga Creek, South Chickamauga Creek, and Chattanooga Creek, for the period beginning April 1, 2016 through March 31, 2017, with a contribution of \$10,875.00 from the USGS and \$32,625.00 from the City of Chattanooga, for a total cost of \$43,500.00.

ADOPTED: _____, 2016

/mem

City of Chattanooga



Resolution/Ordinance Request Form

Date Prepared: February 10th, 2016

Preparer: Marty Hawkins, P.E. (Senior Engineer)

Department: Public Works

Brief Description of Purpose for Resolution/Ordinance:

Res./Ord. #

Council District #

All

A City Council resolution is requested to authorize the Department of Public Works to enter into a Joint Funding Agreement (JFA) between the U.S. Geological Survey (USGS) and the City of Chattanooga to operate three continuous real-time stream gages located on North Chickamauga Creek, South Chickamauga Creek, and Chattanooga Creek. For the period beginning April 1, 2016 through March 31, 2017 at a total cost of \$43,500 with a contribution of \$10,875 from the USGS and \$32,625 from the City of Chattanooga.

Name of Vendor/Contractor/Grant, etc. USGS

Total project cost \$ 32,625.00

Total City of Chattanooga Portion \$ 32,625.00

City Amount Funded \$ 32,625.00

New City Funding Required \$ _____

City's Match Percentage % 75%

New Contract/Project? (Yes or No) Yes

Funds Budgeted? (YES or NO) YES

Provide Fund 6030

Provide Cost Center K70106

Proposed Funding Source if not budgeted _____

Grant Period (if applicable) _____

List all other funding sources and amount for each contributor.

Amount(s)

Grantor(s)

Agency Grant Number

CFDA Number if known

Other comments: Ownership, operation, and maintenance activities for the stream gauges will be the responsibility of the USGS. In return for the funding, the USGS will provide stream gauge data to the City of Chattanooga for use in our emergency response actions to heavy rain events and for augmenting the Flood Preparedness Plan which is currently under development.

Approved by:

DESIGNATED OFFICIAL/ADMINISTRATOR

Reviewed by: FINANCE OFFICE

Please submit completed form to @budget, City Attorney and City Finance Officer

Revised: 1/26/09



United States Department of the Interior

U.S. GEOLOGICAL SURVEY

**Lower Mississippi-Gulf Water Science Center
Nashville Office
640 Grassmere Park, Suite 100
Nashville, TN 37211**

February 12, 2016

Justin C. Holland
City of Chattanooga
Public Works Deputy Administrator
1250 Market St, Suite 2100
Chattanooga, TN 37402

Dear Mr. Holland:

Enclosed please find three copies of the Joint Funding Agreement (JFA) with original signatures for the project for operation of three continuous real-time stream gages located on North Chickamauga Creek, South Chickamauga Creek, and Chattanooga Creek as part of a flood monitoring and warning network.

This agreement is entered into by the U.S. Geological Survey (USGS) under the authority of 43 USC 36C; 43 USC 50; and 43 USC 50b. This JFA covers gage operation for the period beginning April 1, 2016 through March 31, 2017 at a total cost of \$43,500.00 with a contribution of \$10,875.00 from the USGS and \$32,625.00 from the City of Chattanooga.

Upon acceptance, please return one signed copy of the agreement package to the attention of Vicky Brantley, our Administrative Operations Specialist, at the address shown above. All work performed with funds from this agreement will be conducted on a fixed-price basis and will be billed quarterly via from DI-1040. If the billing address differs from your address as shown on the JFA, please contact Ms. Brantley at 615-837-4711 or email mbrantl@usgs.gov with the required billing address. The results of all work under this agreement will be available for publication by the U.S. Geological Survey.

If you have any questions or require additional information, please contact Shannon D. Williams, Assistant Director for Hydrologic Data, at 615-837-4755 or email at swilliam@usgs.gov. We appreciate your cooperation in this project and look forward to a continuation of our relationship with the City of Chattanooga.

Sincerely,

acting for
William J. Walfo

W. Scott Gain,
Director
Lower Mississippi-Gulf Water Science Center

Enclosures

**U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

JOINT FUNDING AGREEMENT

FOR

Water Resources Investigations

Customer #: 6000004505
Agreement #: 16ESTN000000029
Project #: GC16ML00001TN00
TIN #: 62-6000259
Fixed Cost Agreement YES

THIS AGREEMENT is entered into as of the, 1st day of April, 2016 by the U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the City of Chattanooga, party of the second part.

1. The parties hereto agree that subject to availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation for operation of three continuous real-time stream gages located on North Chickamauga Creek, South Chickamauga Creek, and Chattanooga Creek as part of a flood monitoring and warning network herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50; and 43 USC 50b.
 2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) includes In-Kind Services in the amount of .
 - (a) by the party of the first part during the period

Amount	Date	to	Date
\$10,875.00	April 1, 2016		March 31, 2017
 - (b) by the party of the second part during the period

Amount	Date	to	Date
\$32,625.00	April 1, 2016		March 31, 2017

Includes \$21,750 unmatched funds.

 - (c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of:

Description of the USGS regional/national program:
 - (d) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.
 - (e) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.
3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.
4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.
5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement.
6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.
8. The maps, records, or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records, or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request, be furnished by the party of the first part, at costs, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records, or reports published by either party shall contain a statement of the cooperative relations between the parties.
9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered quarterly. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983).

**U.S. Geological Survey
United States
Department of the Interior**

USGS Point of Contact

Name: Shannon D. Williams
Address: Nashville Office, Lower Mississippi-Gulf WSC
640 Grassmere Park, Suite 100
Nashville, TN 37211
Telephone: 615-837-4755
Email: swilliam@usgs.gov

City of Chattanooga-Stormwater Management

Customer Point of Contact

Name: Marty Hawkins
Address: City of Chattanooga-Stormwater Management
1250 Market St, Suite 2100
Chattanooga, TN 37402
Telephone: MH- 423-402-0696, Sec. 423-643-5877
Email: mhawkins@chattanooga.gov

Signatures and Date

Signature:

 2/12/16

Date:

Signature:

Date:

Name: W. Scott Galt

Title: Director, LMG Water Science Center

Name: Justin C. Holland, Public Works Deputy Admin.

Title: City of Chattanooga, TN